

SRF-S83

SERVICE MANUAL

Ver 1.0 1998. 04

*Canadian Model
AEP Model
UK Model
E Model*

The SRF-S83 is approximately the same as the SRF-S80.
Consequently, only difference (SPECIFICATIONS, EXPLODED VIEWS and ACCESSORIES & PACKING MATERIALS) between SRF-S80 and SRF-S83 are listed.

For other information, please refer to the SRF-S80 service manual (9-959-833-11) and correction-1 (9-959-833-91) previously issued.

SPECIFICATIONS

Frequency range	FM : 87.5 – 108MHz AM : 526.5 – 1606.5kHz (Italian Model) 530 – 1605kHz (Except Italian Model)	Power requirements	1.5V DC, one R03 (size AAA) battery
Intermediate Frequency	FM : 1st 28.4MHz 2nd : 150kHz AM : 55kHz	Battery life	FM : 16 hours with Sony R03 (size AAA) battery AM : 21 hours with Sony R03 (size AAA) battery
Power output	3.6mW + 3.6mW (at 10% harmonic distortion)	Dimensions	Approx. 42.5 x 80 x 16.5 mm (w/h/d) (1 11/16 x 3 1/4 x 21/32 inches) not incl. projecting parts and controls
Output	Headphones jack (stereo minijack) load impedance 16 ohms	Mass	Approx. 59g (2.1 oz.) incl. a battery and headphones
		Accessories supplied	Stereo headphones (1)

Design and specifications are subject to change without notice.

FM STEREO/AM RADIO

SONY®



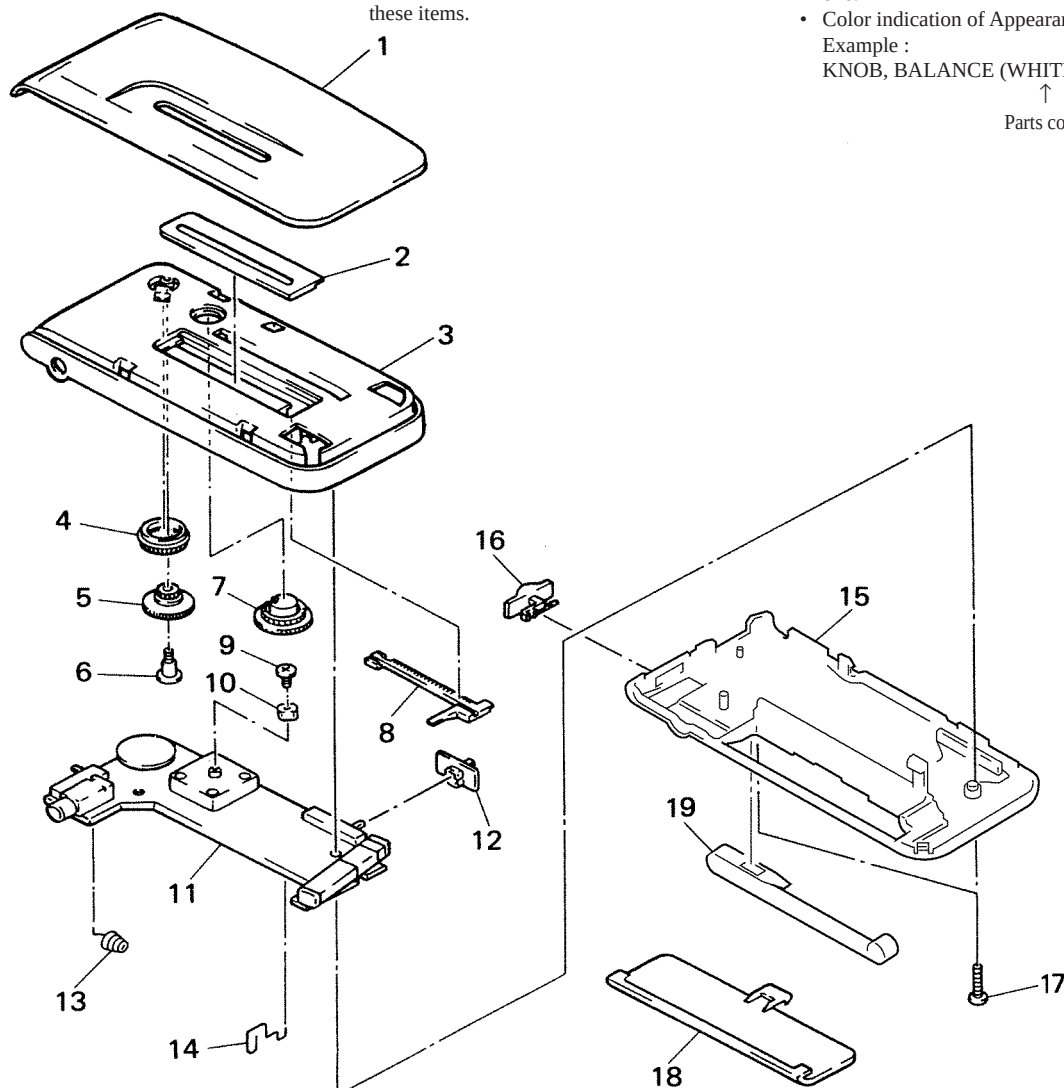
9-923-393-11

Sony Corporation
Personal A&V Products Company

98D0277-1
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Published by Quality Engineering Dept.
(Shibaura)

Page 10

Parts color Cabinet's color



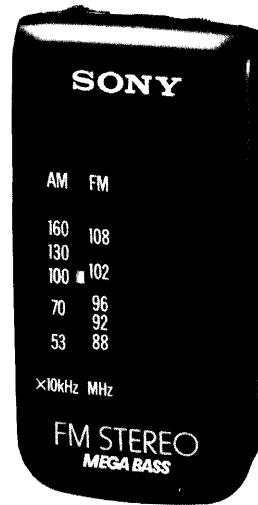
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
1	3-024-346-01	PANEL (GOLD)		* 11	A-3679-652-A	MAIN BOARD, COMPLETE (Italian)	
1	3-024-346-11	PANEL (BLUE)		* 11	A-3679-653-A	MAIN BOARD, COMPLETE (EXCEPT Italian)	
2	3-024-347-11	SCALE, DIAL (EXCEPT Italian)		12	3-024-349-01	KNOB (BAND)	
2	3-024-347-21	SCALE, DIAL (Italian)					
3	3-024-343-01	CABINET (FRONT)		13	3-920-078-01	TERMINAL (-), BATTERY	
				14	3-919-921-01	TERMINAL (+), BATTERY	
4	3-919-918-01	GEAR (MIDWAY)		15	3-024-344-01	CABINET (REAR) (Canadian)	
5	3-919-915-01	KNOB (TUNING)		15	3-024-344-11	CABINET (REAR) (EXCEPT Canadian)	
6	3-018-582-01	SCREW (2)		16	3-024-348-01	KNOB (POWER)	
7	3-919-919-01	GEAR (TUNING CAPACITOR)					
8	3-919-914-01	POINTER		17	3-318-203-31	SCREW (B1.7X8), TAPPING	
				18	3-024-345-01	LID, BATTERY CASE	
9	3-880-990-00	SCREW (1.7X3),FLAT,(+) SPECIAL		19	3-918-543-01	CLIP	
10	3-919-920-01	ADAPTOR					

Page 12

1-505-267-11 HEADPHONE (TRH-11)
3-862-530-11 MANUAL, INSTRUCTION (ENGLISH, FRENCH,
GERMAN, DUTCH, ITALIAN, PORTUGUESE,
CHINESE)

SRF-S80

SERVICE MANUAL



*US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model*

SPECIFICATIONS

Frequency range FM: 87.6 – 108 MHz AM: 530 – 1605 kHz **Intermediate frequency** FM: 1st 28.4 MHz 2nd: 150 kHz AM: 55 kHz **Power output** 3.6 mW + 3.6 mW (at 10 % harmonic distortion) **Output** Headphones jack (stereo minijack) load impedance 16 ohms **Power requirements** 1.5 V DC, one R03 (size AAA) battery **Battery life** FM: 16 hours AM: 21 hours with Sony UM-4 (NU) battery **Dimensions** Approx. 41 x 80.5 x 16 mm (w/h/d) (1 5/8 x 3 1/4 x 21/32 inches) not incl. projecting parts and controls **Mass** Approx. 56.5 g (2.0 oz) incl. a battery **Accessories supplied** Stereo headphones TRH-10 (1)

Design and specifications are subject to change without notice.

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

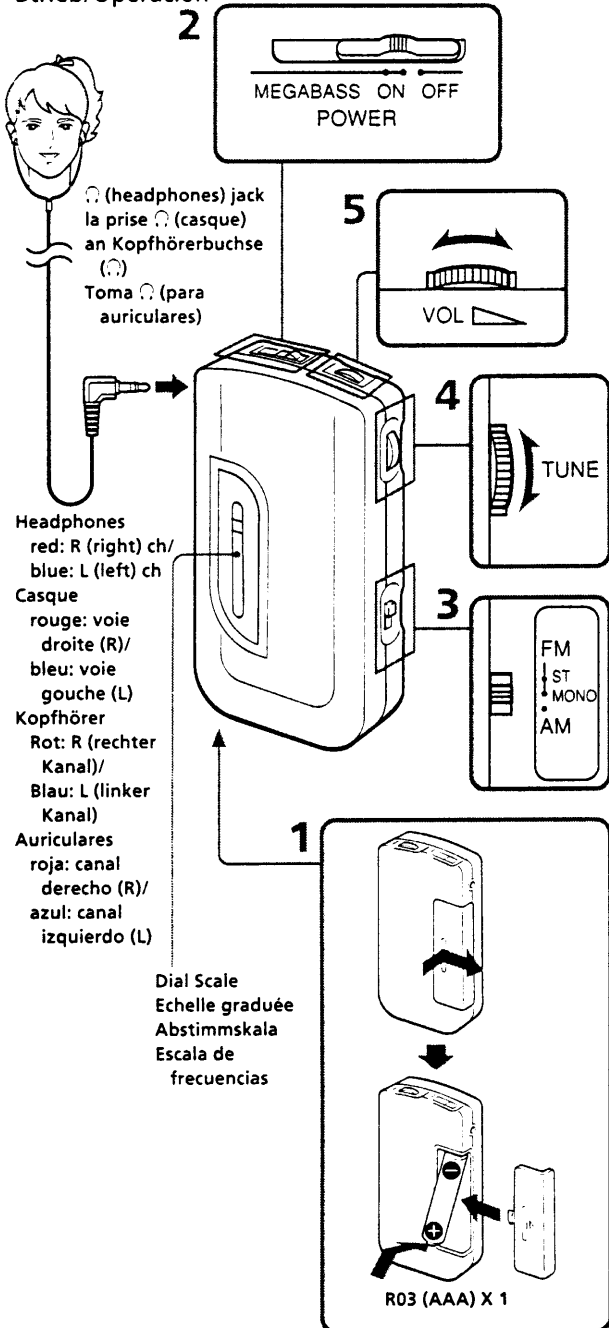


FM STEREO/AM RADIO
SONY®

SECTION 1 GENERAL

This section is extracted from instruction manual.

Operation/Fonctionnement/ Betrieb/Operación



Precautions

- Avoid exposure to temperature extreme, direct sunlight, moisture, sand, dust, or mechanical shock. Never leave the unit in a car parked in the sun.
- In vehicles or in buildings, radio reception may be difficult or noisy. Try listening near a window.
- If there is lightning when you are using this unit, take off the headphones immediately.

Please note that accordingly only Sound and TV-Radio Receivers meant for the entire population are allowed to be received via this set. It is prohibited to receive all other transmission such as police radio or mobile radio.

Notes on Headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

Operation

- 1 Insert a battery.
- 2 Set the POWER switch to ON to turn on the radio.
- 3 Select the band.
FM mode
ST (stereo): for FM stereo reception, normally set the ST/MONO switch to ST.
MONO (monaural): when the FM reception is poor, set it to MONO.
AM: for AM reception.
- 4 Tune in the desire station.
- 5 Adjust the volume.

After listening, set the POWER switch to OFF.

To improve the reception

FM: Extend the headphones cord fully. It functions as an FM antenna.
AM: The ferrite bar antenna is built into the unit. Rotate the unit horizontally for optimum reception.

To Enjoy Powerful Bass Sound

Set the MEGA BASS selector to ON to emphasize bass sound.

Notes on a Battery

When the sound gets distorted or unstable, replace the battery with new one. For battery life, see "Specifications".

To avoid damage from battery leakage and corrosion

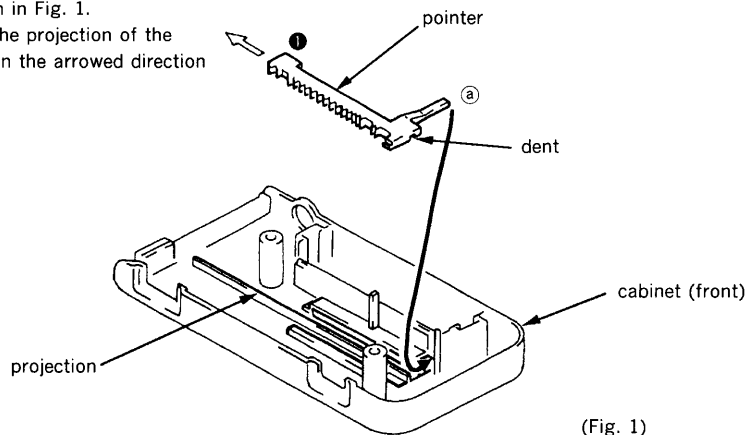
Remove the battery when you do not use the unit for a long time.

SECTION 2 DIAL POINTER SETTING

Note : Follow the disassembly procedure in the numerical order given.

❶ Insert the end (part ③) as shown in Fig. 1.

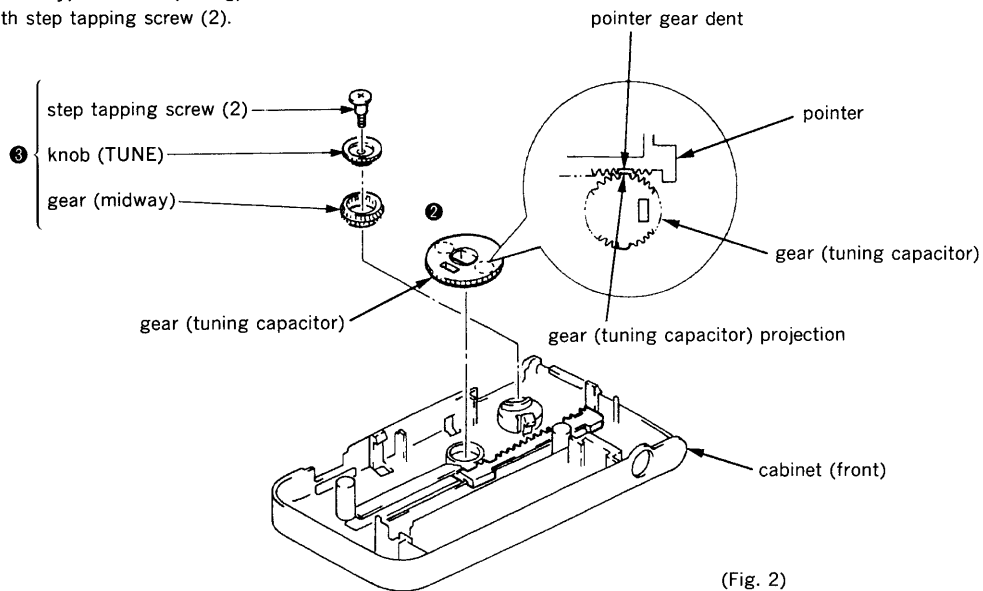
Fit the dent of the pointer onto the projection of the cabinet (front), slide the pointer in the arrowed direction $\Rightarrow$, and move to the full end.



(Fig. 1)

❷ Fit the pointer gear dent onto the gear (tuning capacitor) projection and install the gear (tuning capacitor).

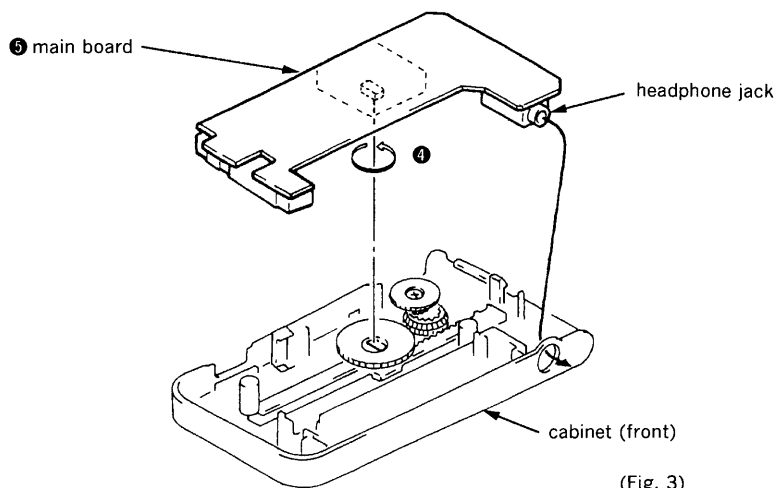
❸ Install the gear (midway) and knob (tuning) in this order, then fix with step tapping screw (2).



(Fig. 2)

❹ Turn the adaptor counterclockwise fully.

❺ First insert the headphone jack, then install the main board.



(Fig. 3)

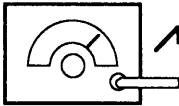
SECTION 3 ELECTRICAL ADJUSTMENTS

• AM Section

BAND select : AM

VOL control : max

AM RF signal
generator



Put the lead-wire
antenna close to
the set.

30% amplitude modulation
by 400Hz signal
Output level : as low as possible

• FM Section

BAND select : FM

VOL control : max

FM RF signal
generator

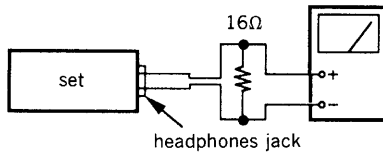


0.01µF

TP6
FM ANT IN

22.5kHz frequency deviation
by 400Hz signal
Output level : as low as possible

VTVM
(range : 0.5–5V ac)



- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

AM FREQUENCY COVERAGE ADJUSTMENT

Adjust for a maximum reading on VTVM.

L3

CT4

520kHz

1,650kHz

AM TRACKING ADJUSTMENT

Adjust for a maximum reading on VTVM.

L5

CT3

620kHz

1,400kHz

FM FREQUENCY COVERAGE ADJUSTMENT

Adjust for a maximum reading on VTVM.

L6

CT1

86.5MHz

109.5MHz

FM TRACKING ADJUSTMENT

Adjust for a maximum reading on VTVM.

L1

CT2

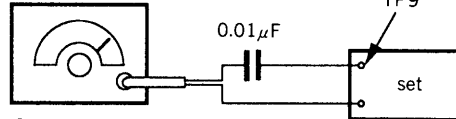
86.5MHz

109.5MHz

FM VCO Adjustment

Procedure :

FM RF signal
generator

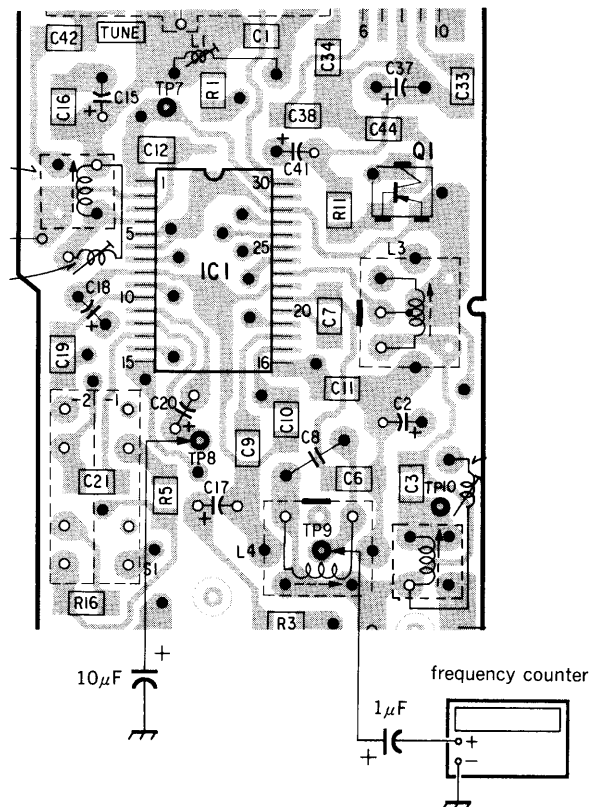


Carrier frequency : 98MHz
Modulation : no modulation
Output level : 0.1V (100dB)

1. Connect the frequency counter between TP9 and GND as shown Fig. 1.
2. Tune the set to 98MHz.
3. Adjust L4 so that the reading on the frequency counter becomes in $38.0 \pm 0.05\text{kHz}$.

Adjustment Location : main board

main board (conductor side)

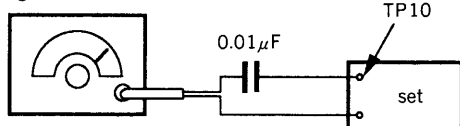


(Fig. 1)

FM 2nd OSC Adjustment

Procedure :

FM RF signal
generator

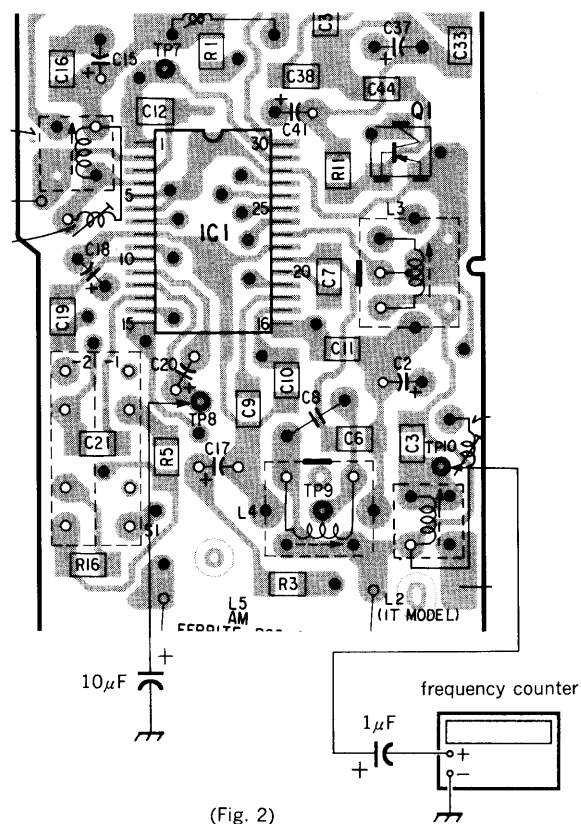


Carrier frequency : 98MHz
Modulation : no modulation
Output level : 0.1V (100dB)

1. Connect the frequency counter between TP10 and GND as shown Fig. 2.
2. Tune the set to 98MHz.
3. Adjust L2 so that the reading on the frequency counter becomes in $57.1 \pm 0.25\text{MHz}$.

Adjustment Location : main board

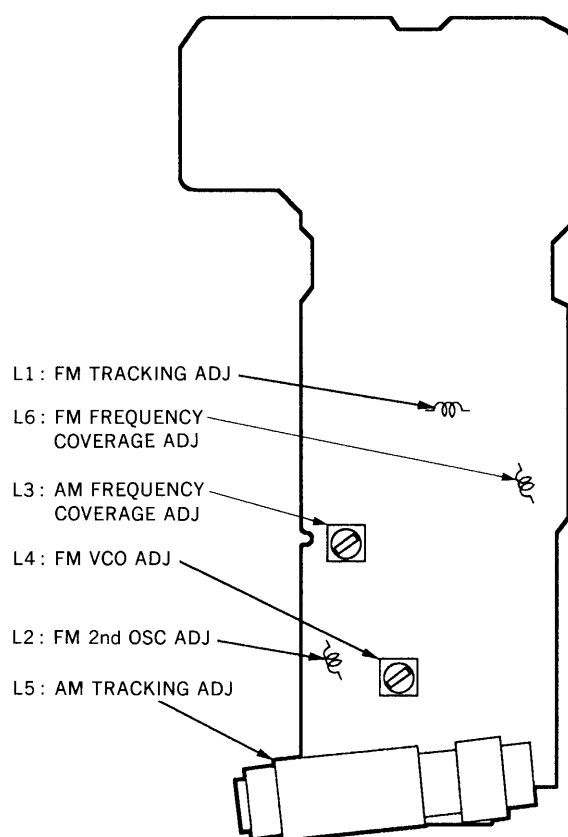
main board (conductor side)



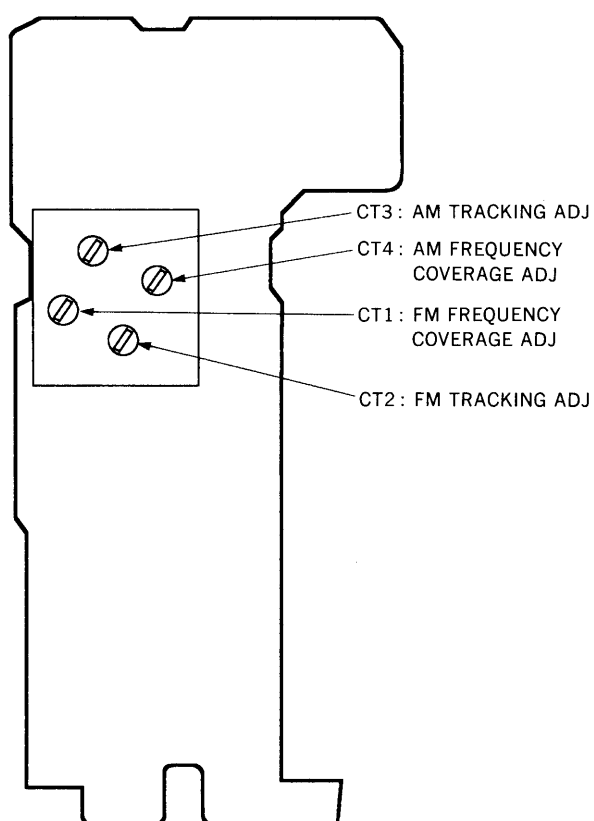
(Fig. 2)

Adjustment Location :

—main board (component side)—

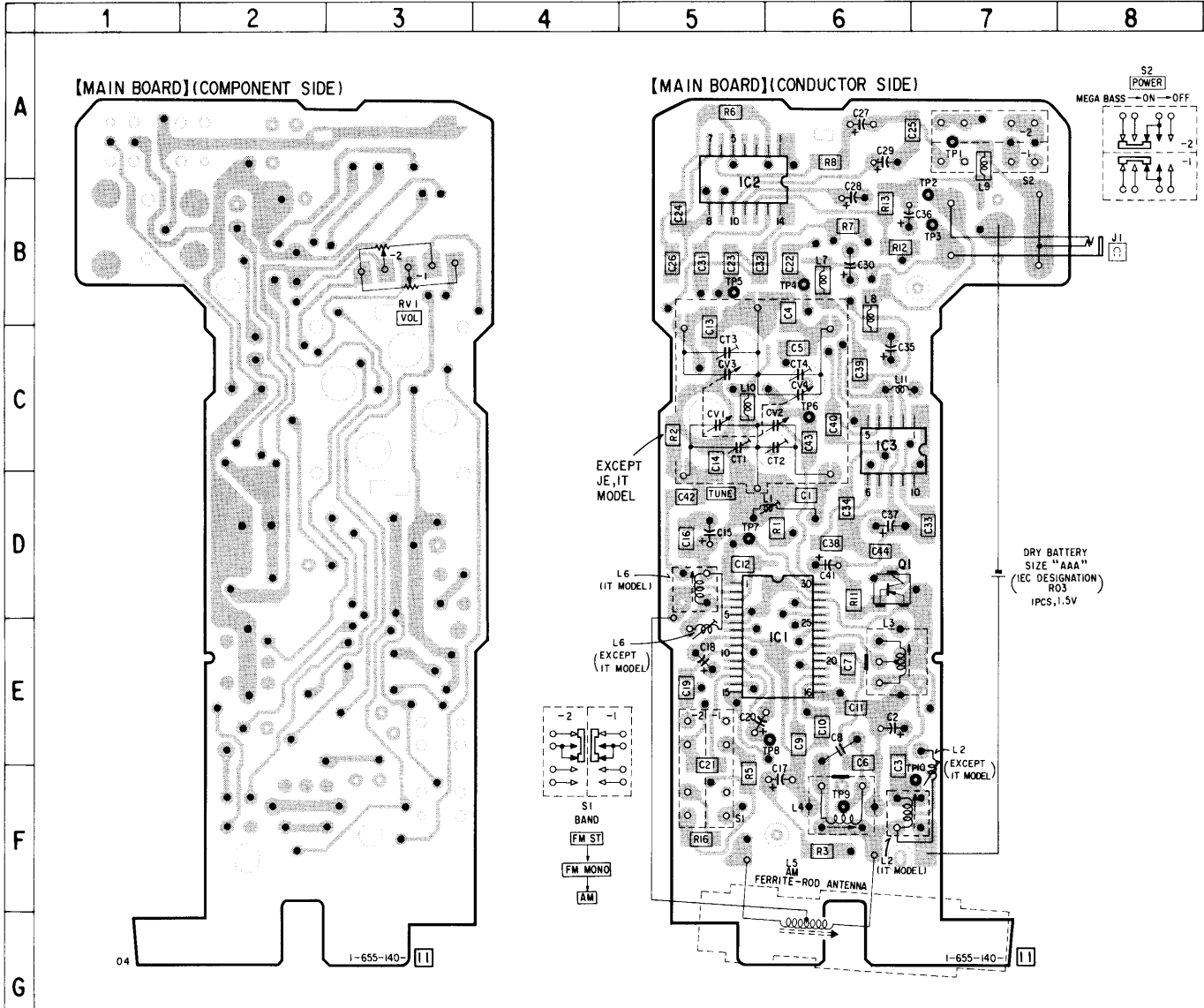


—main board (conductor side)—



SECTION 4
DIAGRAMS

4-1. PRINTED WIRING BOARD



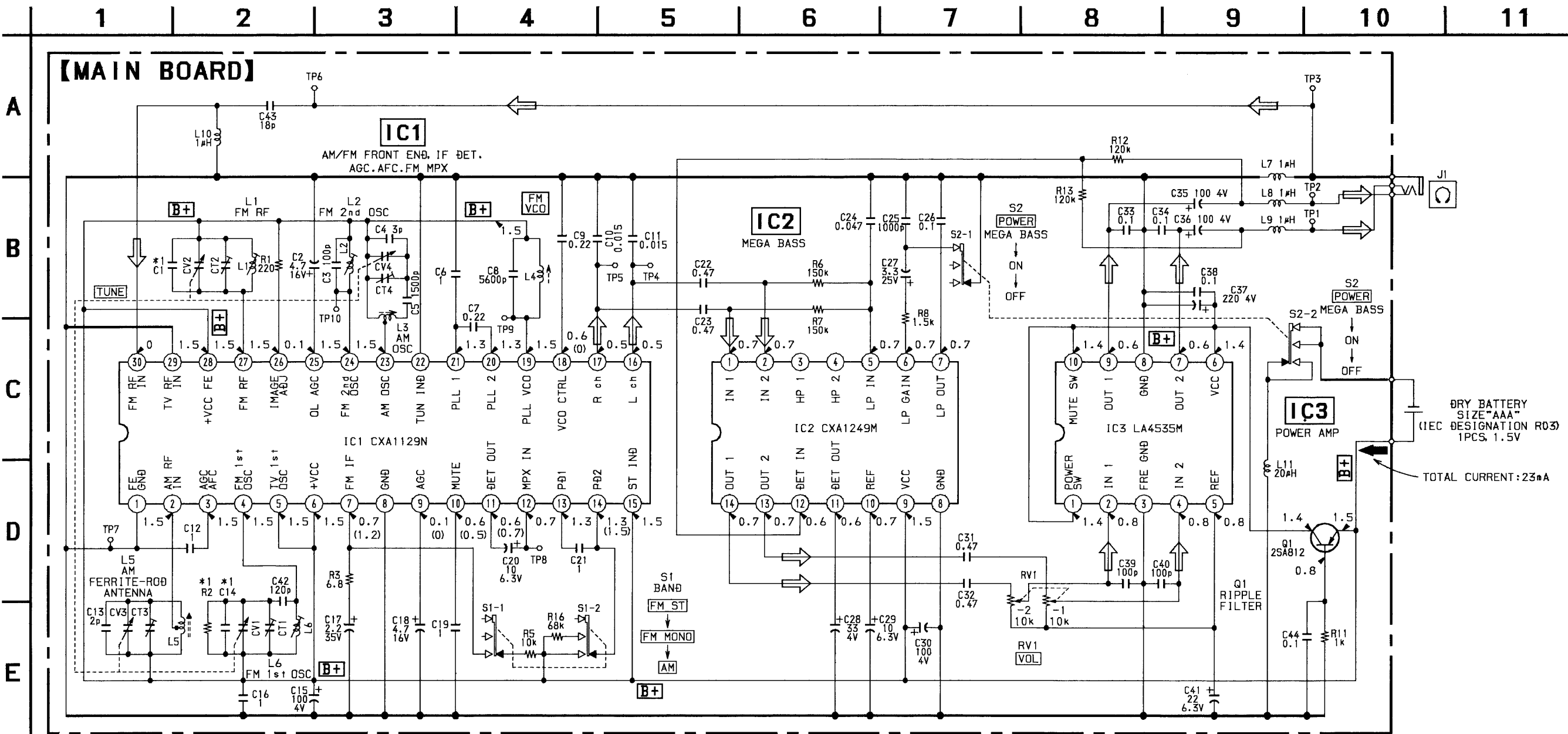
● Semiconductor Location

Ref. No.	Location
IC1	E-6
IC2	B-5
IC3	C-6
Q1	D-6

Note :

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Through hole.
- : indicates side identified with part number.
- ▨ : Pattern on the side which is seen.
(The other layer's patterns are not indicated.)
- Abbreviations
JE : Tourist model
IT : Italian model

4-2. SCHEMATIC DIAGRAM • Refer to page 9 for IC Block Diagrams.



04

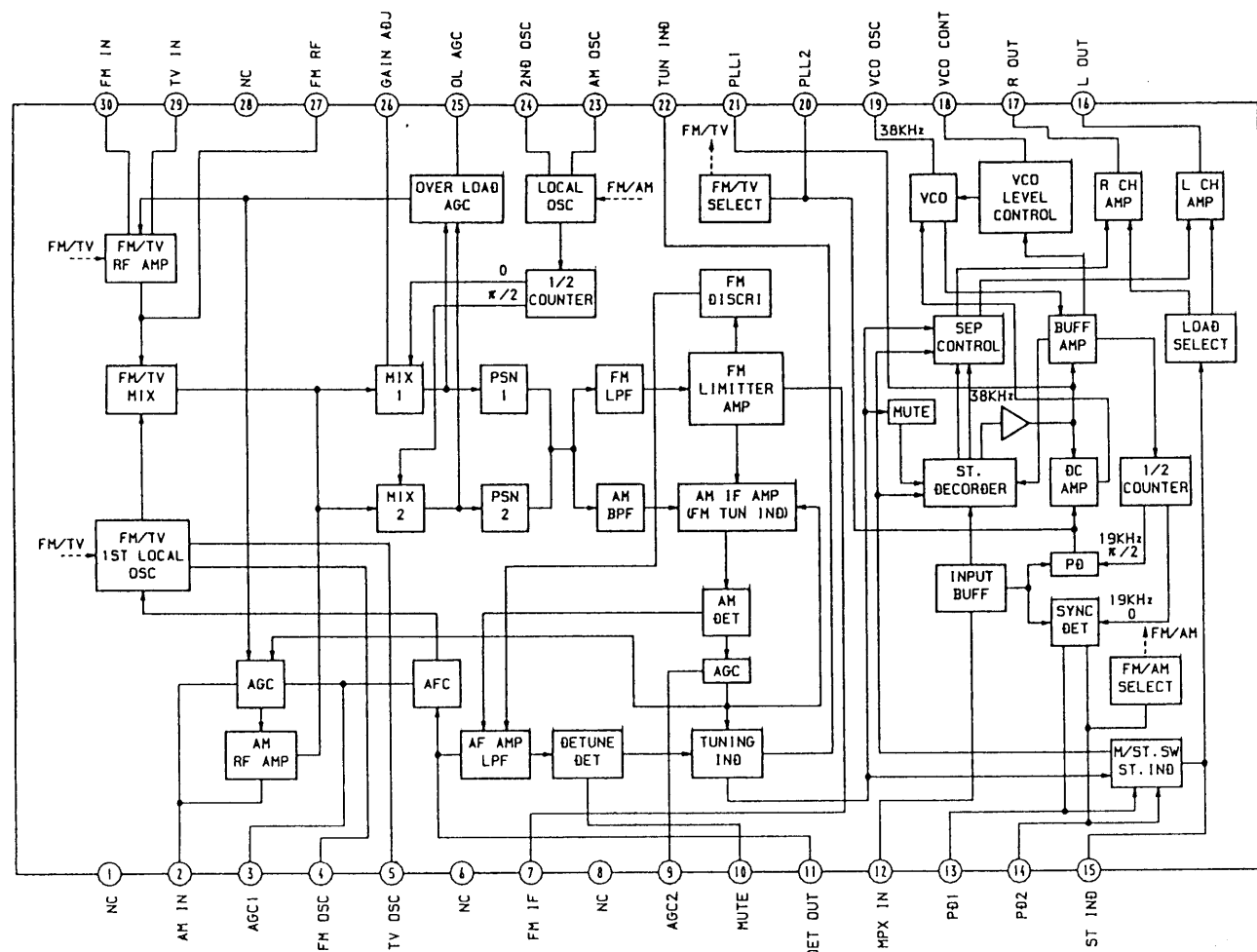
*1: DIFFERENCE LIST

	C1	C14	R2
JE	22p	18p	—
IT	22p	22p	—
EXCEPT JE, IT	18p	18p	1k

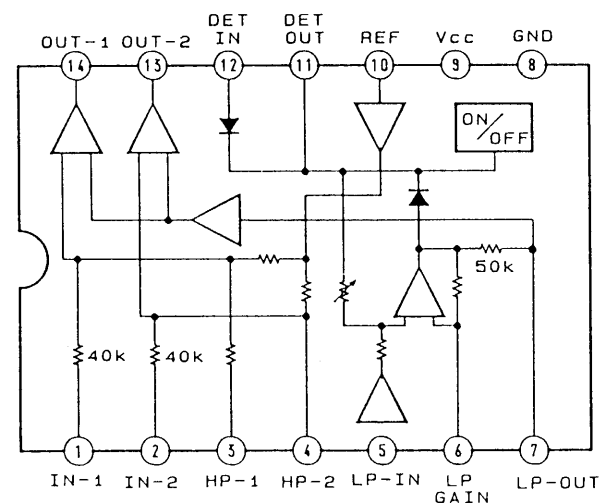
Note:

- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- **B+**: B+ Line
- **adjustment for repair.**
- Power voltage is dc 1.5V and fed with regulated dc power supply from battery terminal.
- Voltage is dc with respect to ground under no-signal (detuned) conditions.
- no mark: FM
(): AM
- Voltages are taken with a VOM (Input Impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Signal path.
→ : FM
- Total current is measured with FM mode.
- Abbreviations
JE: Tourist model
IT: Italian model

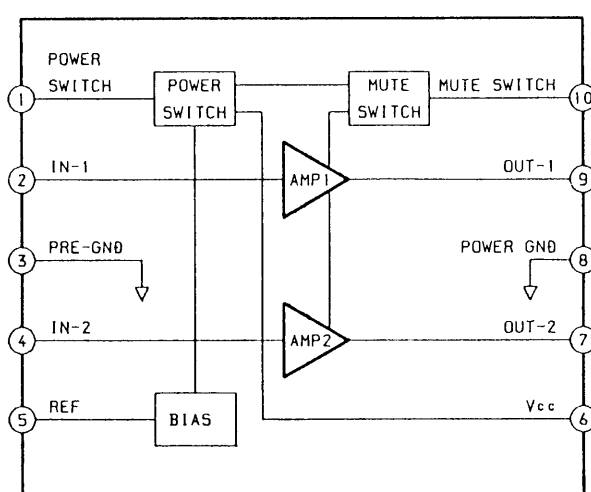
• IC Block Diagrams
IC1 CXA1129N



IC2 CXA1249M



IC3 LA4535M



SEE ADDITIONAL
INFORMATION

NOTE:

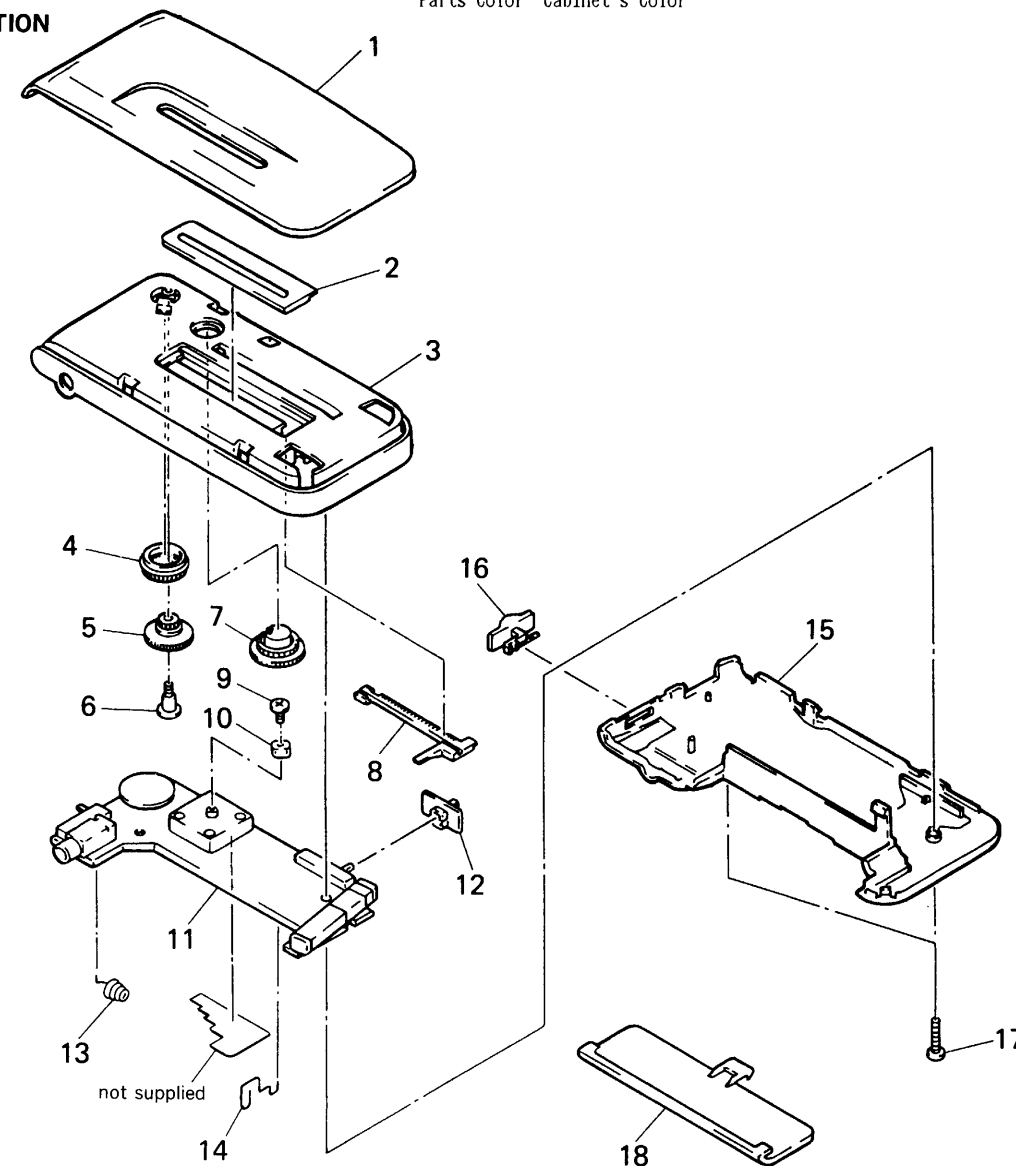
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

SECTION 5
EXPLODED VIEWS

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example :
KNOB, BALANCE (WHITE)... (RED)
↑ ↑
Parts Color Cabinet's Color

- Accessories and packing materials are given in the last of this parts list.
- Abbreviations
JE : Tourist model
IT : Italian model
CND : Canadian model

5-1. MAIN SECTION



Ref. No.	Part No.	Description	Remark
1	3-919-911-01	PANEL (JE)	
1	3-919-911-21	PANEL (EXCEPT JE)	
2	3-919-913-01	PLATE, TRANSPARENT	
3	3-919-909-01	CABINET (FRONT)	
4	3-919-918-01	GEAR (MIDWAY)	
5	3-919-915-01	KNOB (TUNING)	
6	3-895-517-01	SCREW (2), TAPPING, STEP	
7	3-919-919-01	GEAR (TUNING CARACITOR)	
8	3-919-914-01	POINTER	
9	3-880-990-00	SCREW (1.7X3), FLAT, (+) SPECIAL	
10	3-919-920-01	ADAPTOR	
11	A-3679-649-A	MAIN BOARD, COMPLETE (JE)	
* 11	A-3679-652-A	MAIN BOARD, COMPLETE (IT)	
* 11	A-3679-653-A	MAIN BOARD, COMPLETE (EXCEPT JE, IT)	

Ref. No.	Part No.	Description	Remark
12	3-919-917-01	KNOB (BAND)	
13	3-920-078-01	TERMINAL (-), BATTERY	
14	3-919-921-01	TERMINAL (+), BATTERY	
15	3-919-910-11	CABINET (REAR) (JE)	
15	3-919-910-21	CABINET (REAR) (US, CND)	
15	3-919-910-31	CABINET (REAR) (EXCEPT JE, US, CND)	
16	3-919-916-01	KNOB (POWER)	
17	3-318-203-31	SCREW (B1.7X8), TAPPING	
18	3-919-912-01	LID, BATTERY CASE	

SEE ADDITIONAL
INFORMATIONSECTION 6
ELECTRICAL PARTS LIST

MAIN

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A... uPA...: μ PA..
uPB...: μ PB... uPC...: μ PC... uPD...: μ PD..
- CAPACITORS
uF: μ F
- COILS
uH: μ H

When indicating parts by
reference number, please
include the board.

- Abbreviations
JE : Tourist model
IT : Italian model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-3679-649-A	MAIN BOARD, COMPLETE (JE)		C29	1-126-157-11	ELECT 10uF	20% 16V
*	A-3679-652-A	MAIN BOARD, COMPLETE (IT)		C30	1-124-433-00	ELECT 100uF	20% 4V
*	A-3679-653-A	MAIN BOARD, COMPLETE (EXCEPT JE, IT)		C31	1-164-005-11	CERAMIC CHIP 0.47uF	25V
	*****			C32	1-164-005-11	CERAMIC CHIP 0.47uF	25V
		< CAPACITOR >		C33	1-163-038-00	CERAMIC CHIP 0.1uF	25V
C1	1-163-099-00	CERAMIC CHIP 18PF	5% 50V (EXCEPT JE, IT)	C34	1-163-038-00	CERAMIC CHIP 0.1uF	25V
C1	1-163-101-00	CERAMIC CHIP 22PF	5% 50V (JE, IT)	C35	1-124-433-00	ELECT 100uF	20% 4V
C2	1-126-163-11	ELECT 4.7uF	20% 50V	C36	1-124-433-00	ELECT 100uF	20% 4V
C3	1-163-251-11	CERAMIC CHIP 100PF	5% 50V	C37	1-124-434-00	ELECT 220uF	20% 4V
C4	1-163-086-00	CERAMIC CHIP 3PF	50V	C38	1-163-038-00	CERAMIC CHIP 0.1uF	25V
C5	1-163-145-00	CERAMIC CHIP 0.0015uF	5% 50V	C39	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C6	1-164-346-11	CERAMIC CHIP 1uF	16V	C40	1-163-117-00	CERAMIC CHIP 100PF	5% 50V
C7	1-164-222-11	CERAMIC CHIP 0.22uF	25V	C41	1-126-153-11	ELECT 22uF	20% 6.3V
C8	1-136-683-11	FILM 0.0056uF	5% 100V	C42	1-163-253-11	CERAMIC CHIP 120PF	5% 50V
C9	1-164-222-11	CERAMIC CHIP 0.22uF	25V	C43	1-163-099-00	CERAMIC CHIP 18PF	5% 50V
C10	1-163-023-00	CERAMIC CHIP 0.015uF	5% 50V	C44	1-163-038-00	CERAMIC CHIP 0.1uF	25V
C11	1-163-023-00	CERAMIC CHIP 0.015uF	5% 50V			< IC >	
C12	1-164-346-11	CERAMIC CHIP 1uF	16V	IC1	8-752-061-76	IC CXA1129N-T4	
C13	1-163-085-00	CERAMIC CHIP 2PF	50V	IC2	8-759-805-09	IC CXA1249M	
C14	1-163-099-00	CERAMIC CHIP 18PF	5% 50V (EXCEPT IT)	IC3	8-759-802-80	IC LA4535M	
C14	1-163-101-00	CERAMIC CHIP 22PF	5% 50V (IT)			< JACK >	
C15	1-124-433-00	ELECT 100uF	20% 4V	J1	1-563-857-11	JACK, HEADPHONE (HEADPHONES)	
C16	1-164-346-11	CERAMIC CHIP 1uF	16V			< COIL >	
C17	1-124-257-00	ELECT 2.2uF	20% 50V	L1	1-428-309-11	COIL, AIR-CORE	
C18	1-126-163-11	ELECT 4.7uF	20% 50V	L2	1-409-991-11	COIL, AIR-CORE (EXCEPT IT)	
C19	1-164-346-11	CERAMIC CHIP 1uF	16V	L2	1-411-130-11	COIL (WITH CORE) (OSC) (IT)	
C20	1-126-157-11	ELECT 10uF	20% 16V	L3	1-406-467-11	COIL (OSC)	
C21	1-164-346-11	CERAMIC CHIP 1uF	16V	L4	1-406-468-11	COIL (VCO)	
C22	1-164-005-11	CERAMIC CHIP 0.47uF	25V	L5	1-501-741-11	ANTENNA, FERRITE-ROD (AM)	
C23	1-164-005-11	CERAMIC CHIP 0.47uF	25V	L6	1-411-134-11	COIL, AIR-CORE (EXCEPT IT)	
C24	1-163-035-00	CERAMIC CHIP 0.047uF	50V	L6	1-411-318-11	COIL (WITH CORE) (FM OSC) (IT)	
C25	1-163-025-11	CERAMIC CHIP 0.001uF	50V	L7-10			
C26	1-163-038-00	CERAMIC CHIP 0.1uF	25V		1-412-939-11	INDUCTOR 1uH	
C27	1-126-162-11	ELECT 3.3uF	20% 50V	L11	1-412-020-11	INDUCTOR (SMALL TYPE) 20uH	
C28	1-124-431-00	ELECT 33uF	20% 4V				

MAIN

SEE ADDITIONAL
INFORMATION

Ref. No.	Part No.	Description	Remark
< TRANSISTOR >			
Q1	8-729-216-22	TRANSISTOR 2SA1162-G	
< RESISTOR >			
R1	1-216-033-00	METAL CHIP 220 5% 1/10W	
R2	1-216-049-11	METAL CHIP 1K 5% 1/10W	(EXCEPT JE, IT)
R3	1-216-311-00	METAL CHIP 6.8 5% 1/10W	
R5	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R6	1-216-101-00	METAL CHIP 150K 5% 1/10W	
R7	1-216-101-00	METAL CHIP 150K 5% 1/10W	
R8	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R11	1-216-049-11	METAL CHIP 1K 5% 1/10W	
R12	1-216-099-00	METAL CHIP 120K 5% 1/10W	
R13	1-216-099-00	METAL CHIP 120K 5% 1/10W	
R16	1-216-093-00	METAL CHIP 68K 5% 1/10W	
< VARIABLE RESISTOR >			
RV1	1-241-948-11	RES, VAR, CARBON 10K/10K (VOL)	
< SWITCH >			
S1	1-554-843-11	SWITCH, SLIDE (BAND)	
S2	1-554-843-11	SWITCH, SLIDE (POWER)	

ACCESSORIES & PACKING MATERIALS			

	1-504-463-11	HEADPHONE (TRH-10)	
	3-759-945-11	MANUAL, INSTRUCTION (JAPANESE, ENGLISH, KOREAN) (JE)	
	3-759-945-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, ITALIAN, PORTUGUESE, CHINESE) (EXCEPT JE)	
*	3-922-998-01	INDIVIDUAL CARTON	
	3-923-949-01	CASE, CARRYING (US)	

SRF-S80

SONY SERVICE MANUAL

*US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model*

SUPPLEMENT-1

File this supplement with the service manual.

Subject : • Addition of the color panel. (E only)
• Change of the headphone and manual, instruction. (E only)

(ECN-TR500329, TR500419)

Page	FORMER			NEW	
	<u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Description</u>
10	1	3-919-911-21	PANEL (EXCEPT JE)	3-919-911-21	PANEL (BLACK) (EXCEPT JE)
				3-919-911-31	PANEL (SILVER) (E)
12		1-504-463-11	HEADPHONE (TRH-10)	1-504-463-11	HEADPHONE (TRH-10) (EXCEPT E)
				8-953-538-90	HEADPHONE MDR-E741//K SET (E)
		3-759-945-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, ITALIAN, PORTUGUESE, CHINESE) (EXCEPT JE)	3-759-945-41	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, ITALIAN, PORTUGUESE, CHINESE) (EXCEPT E, JE)
				3-759-945-61	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, ITALIAN, PORTUGUESE, CHINESE) (E)

SRF-S80

SONY[®] SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model

SUPPLEMENT-2

File this Supplement with the Service Manual.

Subject :

Addition of soccer team name and color logo printed panel
(Italian model only)

- A soccer team and color based design set has been added to the SRF-S80.

Identical other than the following part :

Page SRF-S80	SRF-S80 (Italian model)		
	Ref. No.	Part No.	Description
10	1	3-919-911-41	PANEL (JUVENTUS)
	1	3-919-911-51	PANEL (MILAN)
	1	3-919-911-61	PANEL (INTER)
	1	3-919-911-71	PANEL (NAPOLI)
	1	3-919-911-81	PANEL (LAZIO)
	1	3-919-911-91	PANEL (ROMA)
12		3-759-945-61	MANUAL, INSTRUCTION (ENGLISH, FRENCH, GERMAN, SPANISH, DUTCH, ITALIAN, PORTUGUESE, CHINESE)

SRF-S80

SONY.

SERVICE MANUAL

*US Model
Canadian Model
AEP Model
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E Model
Australian Model
Tourist Model*

SUPPLEMENT-3

File this supplement with the service manual.

Subject : Addition of soccer team color printed panel

A soccer team and color based design set has been added to the SRF-S80.

Identical other than the following part :

page	No.	Part No.	Description
10	1	3-011-050-21	PANEL (BRAZIL) (E model)
	1	3-011-050-31	PANEL (ESPANA) (Spanish model)
	1	3-011-050-41	PANEL (FIORENTINA) (Italian model)
	1	3-011-050-51	PANEL (SAMPDOLIA) (Italian model)
	1	3-011-050-61	PANEL (COLOMBIA) (E model)

SRF-S80

SONY

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model

CORRECTION-1

Correct your service manual as shown below.

 : indicates corrected portion.

Page	INCORRECT	CORRECT
11	  	< VARIABLE CAPACITOR > <u>CT1-4</u> } 1-141-524-12 CAP, VAR (EXCEPT JE) <u>CV1-4</u> } <u>CT1-4</u> } 1-141-525-11 CAP, VAR (JE) <u>CV1-4</u> }  

(SPM-97014)